

AB1

Conductor

Description

AB1 is a low temperature firing silver conductor paste. AB1 was designed for use on glass. The rheology has been formulated for screen printing.

Key Features

- Low firing temperature
- Good solderability
- Low resistivity



This picture does not show the packaging of AB1 and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms.

Typical Properties

Viscosity	60-80 Kcps Brookfield HBTSC4-14 spindle, 6R utility cup at 10 rpm, 25°C
Solids	83.5 ± 1.0 %
Alloy Ratio	100
Coverage	100 cm ² /g at 12 um fired film thickness
Metal	Ag

Recommended Processing Guide

Printing Parameters	165-280 mesh stainless steel screen. 0.5 mil emulsion.
Drying Temperature	150 °C for 10 minutes
Process Temperature (TDS)	510-540 °C peak temperature. Dwell time of 3-4 minutes.
Film Thickness	16-20 um
Recommended Thinner	RV-238

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Warranty

6 months

Storage

Store in a dry condition at 5-25 °C, DO NOT REFRIGERATE, Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.

Americas

Phone +1 610 825 6050

electronics.americas@heraeus.com

Asia Pacific

Phone +65 6571 7649

electronics.apac@heraeus.com

China

Phone +86 53 5815 9601

electronics.china@heraeus.com

Europe, Middle East and Africa

Phone +49 6181 35 4370

electronics.emea@heraeus.com

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